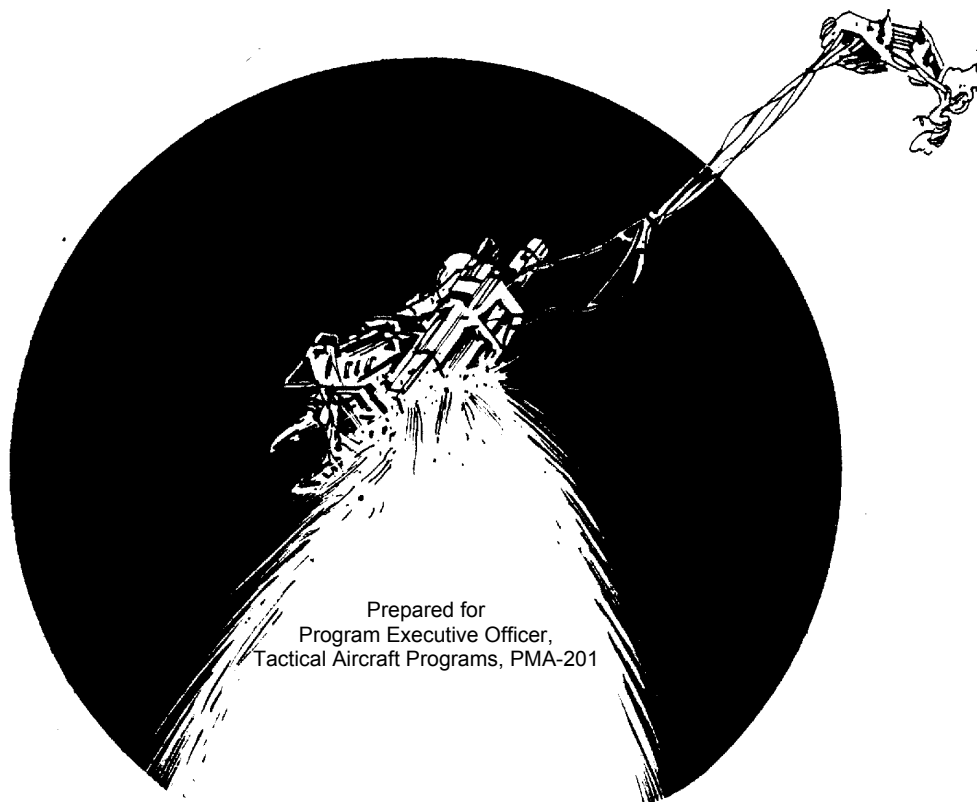


LOGISTICS MANAGEMENT REPORT FOR U.S. NAVY PROPELLANT-ACTUATED DEVICES (PAD)

M.P. Audley



Prepared for
Program Executive Officer,
Tactical Aircraft Programs, PMA-201

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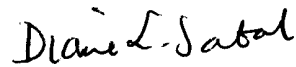
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FOREWORD

The Indian Head Division, Naval Surface Warfare Center, Indian Head, MD, is the cognizant field activity (CFA) for U.S. Navy propellant-actuated devices (PAD). The PAD Engineering Division (Code 510) at Indian Head is delegated the responsibility of maintenance engineering for PAD devices by PEO (W) PMA-201. The logistics management report is prepared by Mike Audley (Code 5110H) to summarize the status of Navy PAD stocks, detail the logistics support given or required for aircraft escape system changes, and highlight other matters pertaining to Navy PAD logistics support and acquisition management. The subject report also serves as a reference source for general Navy PAD information.

Anyone desiring to make inquiries about the material covered herein or to receive subsequent editions of this semiannual report should contact Mike Audley (Code 5110H), DSN 354-2105 or commercial line 301-744-2105.



Diane L. Sabal
Manager, PAD Branch

Approved and released by:



C.A. Pflieger
Director, AEPS/PAD Engineering Division

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INTEGRATED LOGISTICS SYSTEM NOTES

NAVAIR 11-100-1.1-CD Electronic Technical Manual

Basic Issued Dtd 1 February 2001, IRAC 10 Dtd 23 June 00, IRAC 12 Dtd 6 October 00, IRAC 13 Dtd 21 November 2000, IRAC 14 Dtd 20 December 2000, IRAC 15 Dtd 25 June 2001, IRAC 16 Dtd 24 July 2001, IRAC 17 Dtd 1 August 2001, IRAC 18 Dtd 11 September 2001, IRAC 19 Dtd 17 January 2002, IRAC 20 Dtd 29 January 2002, IRAC 21 Dtd 7 March 2002.

Production Lot Designation Change

All assets now entering the stock system will have ammunition lot numbers per MIL-STD-1168. An illustration is given below:

IHM01A002-001

a b c d e

- a = Manufacturer's identification symbol
- b = Two-digit numeric code identifying the year of production of the oldest propellant batch used in the propellant actuated device (PAD) lot
- c = Single alpha code signifying the month of production of the oldest propellant batch used in the PAD lot
- d = Lot interfix number (controlled by Indian Head Division, Naval Surface Warfare Center, Indian Head, MD 20640-5035)
- e = Lot sequence number.

PAD Spares Policy

Because PAD assets are limited and are not allocated items, refer to NAVSURFWARCENDIV Indian Head Naval Message 121339Z October 2000 for the Management Policy on CAD/PAD.

Corrosion

The service life for PAD devices is determined by an extensive type-life and ordnance evaluation test program. Corrosion is considered to be a maintenance discrepancy reportable via a safety report or quality deficiency report in accordance with OPNAVINST 8600.2. Corrosion is not a criterion for reducing the service life of an entire lot or specific type of PAD device, but should be reported on a case-by-case basis.

PAD INVENTORY

The following section contains information concerning the Navy PAD devices utilized in U.S. Navy and Marine Corps aircraft. Each aircraft is reported separately. The PAD devices are listed under their respective ejection seat configurations. In general, each PAD device is identified as to national stock number, Department of Defense identification code/Navy ammunition logistics code (DODIC/NALC), service life, and quantity per aircraft. The serviceable inventory is reported, with both production lot quantities and quantities per lot installed in aircraft. Quantities installed in aircraft are from the CAD/PAD Traceability System (CATS). These inventories of installed assets conducted in cooperation with type commanders and aircraft manufacturers are compiled at Indian Head. Lot quantity figures indicate the amount delivered by a contractor for Navy use/Navy stock.

The following color code applies to each lot table per aircraft type:

Red = Lot expiring in the next 6 months.

Dark Red = Lot that has expired in last 6 months.

Blue = Lot is on a world-wide service life extension.

Green = A new mod change and affected lots from that change.

Violet = The service life of this unit has been increased since we last published this report.

Propellant-Actuated Devices

[As of 30 June 2002]

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Rocket Catapults					
Mk 12 Mod 1¹	1377-00-276-2364	MC77	OV-10A	2	120/10
Mk 16 Mod 1 ²	1377-01-040-9324	MD72	TA-4J	2	156/13
			S-3B	4	156/13
Mk 18 Mod 0¹	1377-00-250-0206	M941	T-2C	2	120/10
CKU-7A ^{1,2}	1377-00-125-7777	MS15	F-5E	1	120/10
			F-5F	2	120/10
			T-38A	2	120/10
Man/Seat Separators					
Mk 82 Mod 0 ^{1,2}	1377-00-119-2022	M928	TA-4J	1	192/16
			S-3B	2	192/16
Mk 82 Mod 1 ^{1,2}	1377-01-412-6530	MU76	TA-4J	1	84/7
			S-3B	2	84/7
Mk 90 Mod 0 ^{1,2}	1377-00-201-9554	MC51	S-3B	2	192/16
Mk 90 Mod 1 ^{1,2}	1377-01-412-6462	MU75	S-3B	2	84/7
Yaw Thrusters					
Mk 83 Mod 0 ^{2,3}	1377-00-119-2031	M929	S-3B	2	84/7
Mk 85 Mod 0 ^{2,3}	1377-00-119-2045	M932	S-3B	2	84/7
Vernier					
Mk 84 Mod 2 ^{2,4}	1377-01-199-8315	MF57	S-3B	4	156/13
Seatback Rocket					
Mk 79 Mod 1/2 ^{1,4}	1377-01-069-1787	MF21	AV-8B	2	132/11
			TAV-8B	4	132/11
WORD/Drogue Assembly					
Mk 113 Mod 0/1 ^{2,4}	1377-01-149-3516	MG67	AV-8B	1	96/8
			TAV-8B	2	96/8
Catapult Cartridge					
Mk 205 Mod 1/2 ⁴	1377-01-138-3829	XW36	AV-8B	1	96/8
			TAV-8B	2	96/8
Underseat Rocket Motor					
Mk 74 Mod 0 ⁵	1377-00-181-9532	M572	F-14A/B, NF-14A/B	1	240/20
Mk 74 Mod 1 ¹	1377-01-246-5282	M572	F-14A/B, NF-14A/B	1	240/20
Mk 75 Mod 0 ⁵	1377-00-181-9533	M573	F-14A/B, NF-14A/B	1	240/20
Mk 75 Mod 1 ¹	1377-01-246-5283	M573	F-14A/B, NF-14A/B	1	240/20
Mk 86 Mod 0 ⁵	1377-00-201-9543	M938	EA-6B	2	240/20
Mk 86 Mod 1 ¹	1377-01-246-5286	M938	EA-6B	2	240/20
Mk 87 Mod 0 ⁵	1377-00-201-9545	M939	EA-6B	1	240/20
Mk 87 Mod 1 ¹	1377-01-246-5287	M939	EA-6B	1	240/20
Mk 88 Mod 0 ⁵	1377-00-201-9533	M940	EA-6B	1	240/20
Mk 88 Mod 1 ¹	1377-01-246-5288	M940	EA-6B	1	240/20
Mk 92 Mod 1¹	1377-01-036-8514	M933	QF-4N, QF-4S	2	192/16
Mk 100 Mod 0 ⁵	1377-01-039-2927	MD68	FA-18A/C/B/D	1	204/17

See footnotes at end of table.

Propellant-Actuated Devices—Continued

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Mk 101 Mod 0 ⁵	1377-01-039-2928	MD69	FA-18B/D/E	1	204/17
Mk 123 Mod 0^{2,5}	1377-01-246-5280	MT30	F-14D	1	180/15
			FA-18D/F	1	180/15
			T-45A/C	1	180/15
Mk 124 Mod 0^{2,5}	1377-01-246-5281	MT31	F-14D	1	180/15
			FA-18C/D/E/F	1	180/15
			T-45A/C	1	180/15
Canopy Remover Rocket Motor					
Mk 109 Mod 0 ^{2,4}	1377-01-101-1443	MF56	FA-18A/C/B/D/E/F	2	132/11
Mk 109 Mod 1 ^{2,4}	1377-01-454-9321	SS67	FA-18A/C/B/D/E/F	2	132/11
Rocket Motor Divergence					
Mk 121 Mod 0 ^{2,3}	1377-01-242-8859	MT28	TAV-8B	4	84/7
Parachute Deployment Rocket Motor					
Mk 122 Mod 0 ^{2,5}	1377-01-246-5279	MT29	F-14D	2	84/7
			FA-18C/D/E/F	2	84/7
			T-45A/C	2	84/7

¹NAVSURFWARCENDIV, Indian Head (IH).²Universal Propulsion Company (UPC).³Pacific Scientific.⁴Talley Defense Systems (TAC).⁵Martin-Baker Aircraft Co., Ltd. (MBA).

TA-4J AIRCRAFT

Douglas ESCAPAC 1G-3 Ejection Seats

1. Rocket Motor Mk 82 Mod 0/1 (Man/Seat Separator, Left)
 - a. NSN: Mod 0 1377-00-119-2022/Mod 1 1377-01-412-6530
 - b. DODIC: M928/MU76
 - c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
 - d. Rocket motor WUC: Mod 0 97D11/Mod 1 97D12
 - e. Two per TA-4J aircraft.



Lot No.	Lot quantity	T-4J	Total units installed	Service life expiration date
UPC86K001-017	279	12	12	October 2002
UPC93B001-021	391	2	2	February 2009
UPC94C001-022	25	0	0	March 2010
UPC99F001-003A²	10	0	0	June 2006
UPC00E001-004²	90	0	0	May 2007
IHM00B002-006^{2, 3}	14	0	0	February 2008
Total installed:		14		
Grand total installed:			14	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **These lots of Mk 82 Mod 1 Man/Seat Separator Rocket Motors can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 82 Mod 0 (M928) unit. Mod 0 units will still be issued until stock is exhausted.**
3. **Indian Head has changed its manufacturer's identification symbol from IH to IHM.**
4. No lots have expired since the last publication of this report.
5. **The next lot scheduled to expire does not expire until October 2002.**
6. We have not received any Mk 82 Mod 0 (M928) conventional ordnance deficiencies or EIs on the TA-4 aircraft since last publication of this report.

2. Rocket Catapult Mk 16 Mod 1

- a. NSN: 1377-01-040-9324
- b. DODIC: MD72
- c. Service life: 156 months (13 years)
- d. Rocket motor WUC: 97D44
- e. Two per TA-4 series aircraft.



Lot No.	Lot quantity	TA-4J	Total units installed	Service life expiration date
UPC89G003-021	20	2	2	July 2002
UPC89G003-022	268	1	1	July 2002
UPC89K003-023	234	0	0	October 2002
UPC89M004-025	161	2	2	December 2002
UPC90B004-026	279	3	3	February 2003
UPC90C004-027	279	4	4	March 2003
UPC90H004-028	69	0	0	August 2003
UPC93B004-031	14	2	2	February 2006
UPC97B001-032	7	0	0	February 2010
UPC99J001-034	173	0	0	September 2012
UPC99L001-035	183	0	0	November 2012
Total installed:		14		
Grand total installed:			14	

ILS Notes:

- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. No lots have expired since the last publication of this report.
- 3. The next lots scheduled to expire will expire in July 2002.**
- 4. We have not received any Mk 16 Mod 1 (MD72) conventional ordnance deficiencies or EIs on the TA-4 aircraft since last publication of this report.

AV/TAV-8B AIRCRAFT**Stencel SJU-4A AV-8B****Stencel TAV-8B SJU-13/A Fwd, SJU-14A Aft**

1. Seatback Rocket Motor Mk 79 Mod 1/2

- a. NSN: 1377-01-069-1787
- b. DODIC: MF21
- c. Service life: 132 months (11 years)
- d. Rocket motor WUC: 97D1M
- e. Two per AV-8B aircraft, four per TAV-8B aircraft.



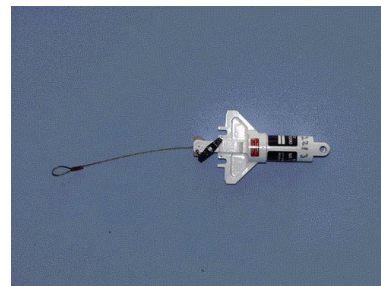
Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service life expiration date
TAC92H001-055	88	0	0	0	0	August 2003
TAC93L001-056	18	2	0	0	2	November 2004
TAC97D001-001²	135	60	0	18	78	April 2008
TAC97J002-001²	171	102	2	14	118	September 2008
TAC99H002-002²	261	26	0	4	30	August 2010
IH-98A003-002	110	20	0	8	28	January 2009
IH-99M002-003	50	0	0	0	0	December 2010
TAC00L002-003²	30	0	0	0	0	November 2011
TAC01E002-004²	80	0	0	0	0	May 2012
TAC00E002-005²	16	0	0	0	0	May 2012
Total installed:		210	2	44		
Grand total installed:					256	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 79 Mod 2 (MF21) Seatback Rocket Motor. This new unit can be used in all applications in which the Mod 1 unit is currently being used. The Mod 2 is a one-for-one exchange with the Mk 79 Mod 1 (MF21) unit.**
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire does not expire until August 2003.
- We have not received any Mk 79 Mod 1 (MF21) conventional ordnance deficiencies or EIs on the AV-8 aircraft since the last publication of this report.

2. WORD Rocket Motor/Drogue Release Assembly Mk 113 Mod 0/1

- a. NSN: 1377-01-149-3516
- b. DODIC: MG67
- c. Service life: 96 months (8 years)
- d. Rocket motor WUC: 97D3C
- e. One per AV-8B aircraft, two per TAV-8B aircraft.



Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service life expiration date
TAC98M003-001²	64	8	0	0	8	December 2006
UPC99D001-001	237	112	1	10	123	April 2007
UPC00G001-002	32	0	0	0	0	July 2008
TAC00J004-003²	30	0	0	0	0	September 2008
Total installed:		120	1	10		
Grand total installed:					131	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **NSWC IHDIV has qualified and released a Mk 113 Mod 1 (MG67) WORD Rocket Motor/Drogue Release Assembly. This new unit can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 113 Mod 0 (MG67) unit.**
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire does not expire until December 2006.
5. We have not received any Mk 113 Mod 0 (MG67) conventional ordnance deficiencies or EIs on the AV-8 aircraft since the last publication of this report.

3. Catapult Cartridge Mk 205 Mod 1/2

- a. NSN: 1377-01-138-3829
- b. DODIC: XW36
- c. Service life: 96 months (8 years)
- d. Rocket motor WUC: 97D34
- e. One per AV-8B aircraft, two per TAV-8B aircraft.



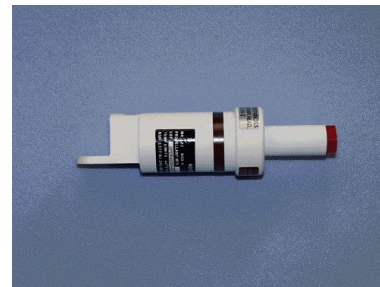
Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service life expiration date
TAC95G001-002	112	45	0	8	53	July 2003
TAC95J001-003	69	37	0	0	37	September 2003
TAC96A001-004	36	16	0	19	35	January 2004
TAC98M002-001²	77	33	0	0	33	December 2006
TAC98M002-002²	50	17	1	0	18	December 2006
TAC00B002-003A²	60	3	0	0	3	February 2008
TAC01B002-004²	126	0	0	0	0	February 2009
Total installed:		151	1	27		
Grand total installed:					179	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 205 Mod 2 (XW36) Catapult Cartridge. This new unit can be used in all applications in which the Mod 1 unit is currently being used. The Mod 2 is a one-for-one exchange with the Mk 205 Mod 1 (XW36) unit.**
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire does not expire until July 2003.
- We have not received any Mk 205 Mod 1 (XW36) conventional ordnance deficiencies or EIs on the AV-8 aircraft since the last publication of this report.

4. Rocket Motor Divergence Mk 121 Mod 0

- a. NSN: 1377-01-242-8859
- b. DODIC: MT28
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 93046
- e. Four per TAV-8B aircraft.



Lot No.	Lot quantity	TAV-8B	Total units installed	Service life expiration date
UPC95H001-019	33	25	25	August 2002
ESD00A001-001⁵	86	4	4	January 2007
Total installed:		29		
Grand total installed:			29	

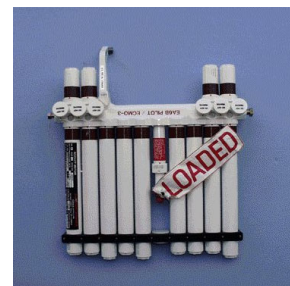
ILS Notes:

- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. No lots have expired since the last publication of this report.
- 3. The next lot scheduled to expire will expire in August 2002.**
- 4. We have not received any Mk 121 Mod 0 (MT28) conventional ordnance deficiencies or EIs on the TAV-8 aircraft since last publication of this report.
- 5. We have qualified Pacific Scientific (ESD) as a manufacturer.**

EA-6B AIRCRAFT

Martin-Baker Mk GRUEA7 Ejection Seats

1. Underseat Rocket Motor Mk 86 Mod 0 and Mod 1
 - a. NSN: 1377-00-201-9543 (Mod 0), 1377-01-246-5286 (Mod 1)
 - b. DODIC: M938 (Mod 0), M938 (Mod 1)
 - c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
 - d. Rocket motor WUC: 97D3M Mod 0 and Mod 1
 - e. Two per aircraft (Pilot/ECMO-3).



Lot No.	Lot quantity	EA-6B	Total units installed	Service life expiration date
MBA83A001-011	14	15	15	January 2003
MBA84B001-013	12	7	7	February 2004
MBA85E001-015	16	12	12	May 2005
MBA85E001-017	24	20	20	May 2005
MBA85H001-018	32	28	28	August 2005
MBA86J001-021	24	20	20	September 2006
UPC86J001-001(A) or (B)	37	21	21	September 2006
MBA86J001H020	27	26	26	September 2006
MBA88B001H023	7	0	0	February 2008
MBA88E001-027	22	14	14	June 2008
MBA89F001-030	24	17	17	June 2009
IH-94L002-003A	76	42	42	November 2014
Total installed:		222		
Grand total installed:			222	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**

MBA82B001-007	February 2002
MBA82B001-008	February 2002
3. **The next lot scheduled to expire does not expire until January 2003.**
4. We have not received any Mk 86 Mod 0/1 (M938) conventional ordnance deficiencies or EIs on the EA-6B aircraft since the last publication of this report.

2. Underseat Rocket Motor Mk 87 Mod 0 and Mod 1

- a. NSN: 1377-00-201-9545 (Mod 0), 1377-01-246-5287 (Mod 1)
- b. DODIC: M939 (Mod 0), M939 (Mod 1)
- c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
- d. Rocket motor WUC: 97D3N Mod 0 and Mod 1
- e. One per aircraft (ECMO-1).



Lot No.	Lot quantity	EA-6B	Total units installed	Service life expiration date
MBA83A001-011	6	6	6	January 2003
MBA84B001-013	6	4	4	February 2004
MBA85E001-015	8	5	5	May 2005
MBA85E001-017	12	10	10	May 2005
MBA85H001-018	25	18	18	August 2005
MBA86J001H020	21	18	18	September 2006
MBA86J001-021	12	11	11	September 2006
UPC86J001-001(A) or (B)	25	7	7	September 2006
MBA88B001H023	5	5	5	February 2008
MBA88E001-025	11	0	0	May 2008
MBA88E001-028	10	7	7	May 2008
MBA88H001H029	1	1	1	August 2008
MBA88E001-030	12	9	9	May 2008
MBA89F001-031	11	0	0	June 2009
IH-94L002-003A	26	6	6	November 2014
Total installed:		113		
Grand total installed:			113	

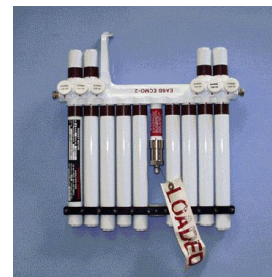
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**

MBA82B001-007	February 2002
MBA82B001-008	February 2002
3. **The next lot scheduled to expire does not expire until January 2003.**
4. We have not received any Mk 87 Mod 0/1 (M939) conventional ordnance deficiencies or EIs on the EA-6B aircraft since the last publication of this report.

3. Underseat Rocket Motor Mk 88 Mod 0 and Mod 1

- a. NSN: 1377-00-201-9551 (Mod 0), 1377-01-246-5288 (Mod 1)
- b. DODIC: M940 (Mod 0), M940 (Mod 1)
- c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
- d. Rocket motor WUC: 97D3P Mod 0 and Mod 1
- e. One per aircraft (ECMO-2).



Lot No.	Lot quantity	EA-6B	Total units installed	Service life expiration date
MBA83A001-011	7	7	7	January 2003
MBA84B001-013	6	4	4	February 2004
MBA85E001-015	8	7	7	May 2005
MBA85E001-017	12	7	7	May 2005
MBA85H001-018	31	17	17	August 2005
MBA86J001-021	13	10	10	September 2006
MBA88B001H023	6	0	0	February 2008
MBA88E001025	11	12	12	May 2008
MBA88E001-027	12	1	1	May 2008
MBA89F001-030	13	10	10	May 2009
IH-94L002-003A	33	36	36	November 2014
IH-94L002-004	25	0	0	November 2014
MBA00L002-031	46	3	3	November 2020
Total installed:		114		
Grand total installed:			114	

ILS Notes:

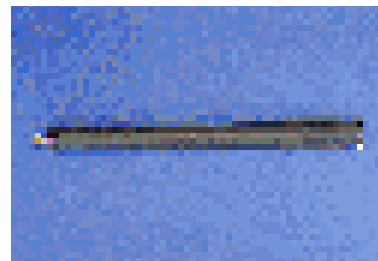
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**

MBA81A001-006	January 2002
MBA82B001-007	February 2002
MBA82B001-008	February 2002
3. **The next lot scheduled to expire does not expire until January 2003.**
4. We have not received any Mk 88 Mod 0/1 (M940) conventional ordnance deficiencies or EIs on the EA-6B aircraft since the last publication of this report.

F-5E/F-T-38A AIRCRAFT**Northrop Improved Ejection Seat
Assembly Number 14-70202-505**

1. Rocket Catapult CKU-7A

- a. NSN: 1377-00-125-7777
- b. DODIC: MS15
- c. Service life: 120 months (10 years)
- d. Rocket catapult WUC: 97ABA
- e. One per F-5E aircraft, two per F-5F aircraft, two per T-38 aircraft.



Lot No.	Lot quantity	F-5E	F-5F	T-38A	Total units installed	Service life expiration date
IH-95E001-046	8	4	3	0	7	May 2005
IH-96H001-048	5	1	0	2	3	August 2006
IH-98F001-049	21	16	0	5	21	August 2006
IHM00C001-051	46	10	5	7	22	March 2010
IHM00E001-052	22	1	0	4	5	May 2010
Total installed:		32	8	18		
Grand total installed:					58	

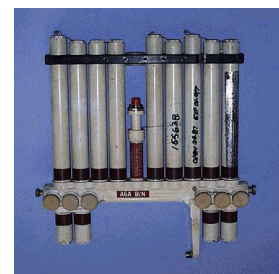
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire does not expire until May 2005.
4. We have not received any CKU-7A (MS15) conventional ordnance deficiencies or EIs on the F-5 or T-38 aircraft since the last publication of this report.

F-14A/B AND NF-14A AIRCRAFT

Martin-Baker Mk GRU-7A Ejection Seats

1. Underseat Rocket Motor Mk 74 Mod 0 and Mod 1
 - a. NSN: 1377-00-181-9532 (Mod 0), 1377-01-246-5282 (Mod 1)
 - b. DODIC: M572 (Mod 0), M572 (Mod 1)
 - c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
 - d. Rocket motor WUC: 97D1R Mod 0 and Mod 1
 - e. One each per aircraft (pilot).



Lot No.	Lot quantity	F-14A	F-14B	Total units installed	Service life expiration date
MBA83A001-011	30	3	3	6	January 2003
MBA84B001-013	24	7	4	11	February 2004
MBA85E001-015	18	3	6	9	May 2005
MBA85E001-017	18	1	14	15	May 2005
MBA85H001-018	126	18	19	37	August 2005
UPC86J001-001A (or) B	25	2	5	7	September 2006
MBA88B001-024	15	0	8	8	February 2008
MBA88H001-026	6	2	1	3	August 2008
IH-94L002-003A	23	8	5	13	November 2014
IHM94L002-004	15	1	0	1	November 2014
Total installed:		45	65		
Grand total installed:				110	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**

MBA82B001-007	February 2002
MBA82B001-008	February 2002
3. **The next lot scheduled to expire does not expire until January 2003.**
4. We have not received any Mk 74 Mod 0/1 (M572) conventional ordnance deficiencies or EIs on the F-14A/B aircraft since last publication of this report.

2. Underseat Rocket Motor Mk 75 Mod 0 and Mod 1

- a. NSN: 1377-00-181-9533 (Mod 0), 1377-01-246-5283 (Mod 1)
- b. DODIC: M573 (Mod 0), M573 (Mod 1)
- c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
- d. Rocket motor WUC: 97D3J Mod 0 and Mod 1
- e. One per aircraft (NFO).



Lot No.	Lot quantity	F-14A	F-14B	Total units installed	Service life expiration date
MBA83A001-011	32	3	7	10	January 2003
MBA84B001-013	24	5	3	8	February 2004
MBA85E001-015	18	4	8	12	May 2005
MBA85E001-017	18	0	16	16	May 2005
MBA85H001-018	134	22	15	37	August 2005
UPC86J001-001A (or) B	25	3	0	3	September 2006
MBA88B001-024	13	0	8	8	February 2008
MBA88H001-026	5	0	2	2	August 2008
IH-94L002-003A	22	4	8	12	November 2014
IHM94L002-004	12	1	1	2	November 2014
Total installed:		42	68		
Grand total installed:				110	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**

MBA82B001-007	February 2002
MBA82B001-008	February 2002
3. **The next lot scheduled to expire does not expire until January 2003.**
4. We have not received any Mk 75 Mod 0/1 (M573) conventional ordnance deficiencies or EIs on the F-14A/B aircraft since last publication of this report.

F-14D AND NF-14D AIRCRAFT

SJU-17/(V)3/A (Forward Seat) and SJU-17/(V)4/A (Aft Seat)

1. Parachute Deployment Rocket Motor Mk 122 Mod 0

- a. NSN: 1377-01-246-5279
- b. DODIC: MT29
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97D4A
- e. Two each per aircraft (pilot and MCO).



Lot No.	Lot quantity	F-14D	Total units installed	Service life expiration date
UPC94C003-004 ⁴	229	26	26	March 2003
MBA95F003-010	200	9	9	June 2002
MBA96C003-013	49	6	6	March 2003
UPC97H003-005	192	24	24	August 2004
MBA98J004-014	300	24	24	September 2005
MBA99J004-016	206	4	4	September 2006
MBA01F004-017	257	2	2	June 2008
Total installed:		95		
Grand total installed:			95	

ILS Notes

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**

MBA93F002-009 June 2002
3. The next lot scheduled to expire does not expire until March 2003.
4. Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:

MBA93F002-009 June 2002
 UPC94C003-004 March 2003
5. We have not received any Mk 122 Mod 0 (MT29) conventional ordnance deficiencies or EIs on the F-14D aircraft since last publication of this report.

2. Underseat Rocket Motor Mk 123 Mod 0 (front)

- a. NSN: 1377-01-246-5280
- b. DODIC: MT30
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D4B
- e. One per aircraft (pilot).



Lot No.	Lot quantity	F-14D	Total units installed	Service life expiration date
MBA89F001-003	31	0	0	June 2004
MBA89F001-005	16	0	0	June 2004
MBA90H001-006	35	13	13	August 2004
MBA90H001-007	6	0	0	August 2004
MBA90K001-008	50	10	10	October 2004
UPC90L001H001B	17	1	1	November 2005
MBA91J001-009	14	5	5	September 2006
UPC91K001H002A	14	2	2	October 2006
MBA92C001-010	10	0	0	March 2006
UPC93E002H005	27	0	0	May 2008
MBA93F002-011	52	10	10	June 2008
UPC94B003H006	80	5	5	February 2009
MBA95C003-012	236	3	3	March 2010
MBA96C003-013	71	0	0	March 2011
MBA97G003-014	33	1	1	July 2012
MBA98J003-017	33	0	0	September 2013
MBA99H003-019	53	0	0	August 2014
MBA01A003-020	47	0	0	January 2016
Total installed:		50		
Grand total installed:			50	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire do not expire until June 2004.
- We have increased the service life of the Mk 123 Mod 0 (MT30) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z Sept 01.**
- We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the F-14D aircraft since the last publication of this report.

3. Underseat Rocket Motor Mk 124 Mod 0 (rear)

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48
- e. One per F-14D and NF-14D aircraft (NFO).



Lot No.	Lot quantity	F-14D	Total units installed	Service life expiration date
MBA89F001-004	57	0	0	June 2004
MBA89F001-005	7	0	0	June 2004
MBA90H001-006	68	13	13	August 2005
MBA90H001-007	36	0	0	August 2005
MBA90K001-008	91	14	14	October 2005
UPC90L001H001B	36	0	0	November 2005
MBA91J001-009	34	0	0	September 2006
UPC91K001H002A	29	1	1	October 2006
UPC91K001H003	6	0	0	October 2006
MBA92C001-010	27	0	0	March 2007
UPC93D002H004	62	0	0	April 2008
MBA93F002-011	104	11	11	June 2008
UPC94C003H005	142	1	1	March 2009
MBA95C003-012	165	6	6	March 2010
MBA96C003-013	71	0	0	March 2011
MBA97G003-014	70	2	2	July 2012
MBA98J003-017	66	0	0	September 2013
MBA99H003-019	84	0	0	August 2014
MBA01A003-020	76	0	0	January 2016
Total installed:		48		
Grand total installed:			48	

ILS Notes:

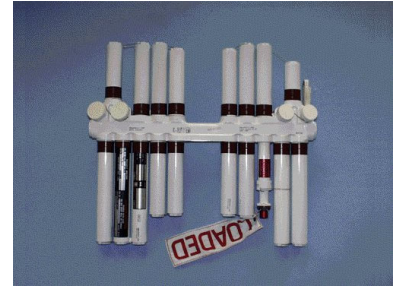
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lots scheduled to expire do not expire until June 2004.
4. **We have increased the service life of the Mk 124 Mod 0 (MT31) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z Sept 01.**
5. We have not received any Mk 124 Mod 0 (MT31) conventional ordnance deficiencies or EIs on the F-14D aircraft since the last publication of this report.

FA-18/A/B/C/D AIRCRAFT

Martin-Baker SJU-5/A Ejection Seat F-18 and Rear Seat of F/A-18 B/D and SJU-6/A Ejection Seat (Front Seat of F/A-18 B/D)

1. Rocket Motor Mk 100 Mod 0

- a. NSN: 1377-01-039-2927
- b. DODIC: MD68
- c. Service life: 204 months (17 years)
- d. Rocket motor WUC: 97D38
- e. One per F/A-18 A/C and one per F/A-18 B/D (rear seat only).



Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
MBA85H001-009	66	10	0	0	1	11	August 2002
MBA85H001-010	24	10	0	0	0	10	August 2002
MBA85K001-011	27	11	2	2	0	15	October 2002
MBA86G001-012	57	27	0	0	0	27	July 2003
MBA86G001-013	47	10	5	4	0	19	July 2003
MBA86G001-015	30	3	0	7	0	10	July 2003
MBA86J001-016	56	12	3	2	1	18	September 2003
MBA86M001-017	29	0	0	11	4	15	December 2003
MBA86J001-018	18	0	0	3	3	6	September 2003
MBA86J001-020	7	0	0	0	1	1	September 2003
MBA87K001-024	21	0	0	7	3	10	October 2004
MBA87K001-025	15	1	0	3	1	5	October 2004
MBA88B001-026	23	1	0	15	4	20	February 2005
MBA88G001-027	5	0	0	1	0	1	July 2005
MBA88B001-028	11	0	0	3	0	3	February 2005
MBA88G001-029	55	2	0	37	5	44	July 2005
MBA88G001-031	16	0	0	3	0	3	July 2005
MBA89A001-033	128	46	9	5	1	61	January 2006
MBA89B001-032	66	4	0	35	22	61	February 2006
MBA89F001-034	8	0	0	4	2	6	June 2006
MBA91B001-038	66	33	7	7	1	48	February 2008
MBA93C002-040	182	27	7	4	3	41	March 2010
MBA94C003-041	46	4	0	0	0	4	March 2011

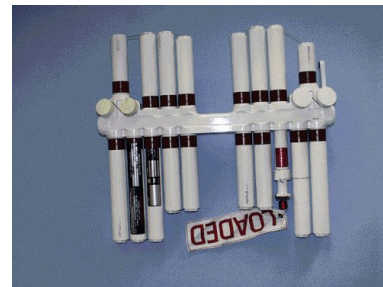
Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
MBA96L003-047	47	3	0	1	0	4	November 2014
MBA99M003-050	7	0	0	0	0	0	December 2016
Total installed:		204	33	147	49		
Grand total installed:						433	
Grand total installed:							

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. **The next lot scheduled to expire will expire in August 2002.**
4. We received a CODR from a fleet activity reporting that while maintenance personnel were performing an acceptance inspection, they discovered gouges. Indian Head requested this motor be returned for possible placement in its quality evaluation program.

2. Rocket Motor Mk 101 Mod 0

- a. NSN: 1377-01-039-2928
- b. DODIC: MD69
- c. Service life: 204 months (17 years)
- d. Rocket motor WUC: 97D3A
- e. One per F/A-18 (front seat only).



Lot No.	Lot quantity	FA-18B	FA-18D	Total units installed	Service life expiration date
MBA85H001-009	11	0	0	0	August 2002
MBA85K001-011	55	2	0	2	October 2002
MBA86G001-012	2	0	1	1	July 2003
MBA86G001-013	11	2	2	4	July 2003
MBA86J001-020	8	2	5	7	September 2003
MBA86M001-017	7	0	4	4	December 2003
MBA87K001-024	2	0	2	2	October 2004
MBA87K001-025	3	0	2	2	October 2004
MBA88B001-026	7	0	6	6	February 2005
MBA88G001-029	8	0	6	6	July 2005
MBA89A001-033	25	4	3	7	January 2006
MBA89B001-032	30	5	16	21	February 2006
MBA91B001-038	17	9	1	10	February 2008
MBA93C002-040	23	4	1	5	March 2010
MBA94C003-041	33	5	4	9	March 2011
MBA96L003-047	47	0	0	0	November 2014
Total installed:		33	53		
Grand total installed:				86	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in August 2002.**
- We have not received any Mk 101 Mod 0 (MD69) conventional ordnance deficiencies or EIs on the FA-18 aircraft since the last publication of this report.

3. Rocket Motor Mk 109 Mod 0 and Mod 1

- a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod 1)
- b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
- c. Service life: 132 months (11 years)
- d. Rocket motor WUC: 97D47
- e. Two per F/A-18.
- f. For non-NACES FA-18 aircraft



Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
UPC90K001-026 ⁵	244	120	18	22	4	164	October 2002
UPC90J001-027 ⁵	47	0	0	0	0	0	September 2002
UPC90M001-028 ⁵	47	0	0	0	0	0	December 2002
UPC91G001-031	43	1	0	0	0	1	July 2002
UPC91J001-032	49	0	0	0	0	0	September 2002
UPC92B001-033	46	0	0	0	0	0	February 2003
UPC92D001-034	48	0	0	0	0	0	April 2003
UPC92G001-035	45	0	0	0	0	0	July 2003
UPC92G001-036	343	98	22	109	30	259	July 2003
UPC92K001-038	49	0	0	0	0	0	October 2003
UPC93A001-039	35	0	0	0	0	0	January 2004
UPC93C001-041	48	0	0	0	0	0	March 2004
UPC93J001-042	25	0	0	0	0	0	September 2004
TAC94A002-001A	15	0	0	0	0	0	January 2005
UPC 94D001-043	60	0	0	0	0	0	April 2005
UC95D001-044	29	0	0	0	0	0	April 2006
UPC95G001-045	27	0	0	0	0	0	July 2006
UPC95H001-046	25	0	0	0	0	0	August 2006
UPC95L001-047	20	0	0	0	0	0	November 2006
UPC96B001-048	48	10	2	26	8	46	February 2007
UPC96C001-049	6	0	0	0	0	0	March 2007
UPC96G001-050	195	35	2	46	28	111	July 2007
UPC96E001-051	18	0	0	0	0	0	May 2007
UPC97B001-053	4	0	0	0	0	0	February 2008
UPC97G001-054	7	0	0	0	0	0	July 2008
UPC97G001-055	6	0	0	0	0	0	July 2008
UPC98B001-056	54	0	0	0	0	0	February 2009
UPC99B001-057	12	0	0	0	0	0	February 2010
IH-98D001-001 ²	57	10	4	20	11	45	April 2009
TAC99D001-002 ²	250	89	10	32	20	151	April 2010
TAC00A001-003 ²	273	21	7	40	2	70	January 2011
TAC01H001-005 ²	109	0	0	0	0	0	August 2012
TAC01K001-006 ²	60	0	0	0	0	0	October 2012
Total installed:		384	65	295	103		
Grand total installed:						847	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. NSWC IHDIV has qualified and released a Mk 109 Mod 1 (SS67) Canopy Jettison Rocket Motor (CJRM). This new unit can be used in all applications in which the Mod 0 unit is currently used. The Mod 1 is a one-for-one exchange with the Mk 109 Mod 0 (MF56) unit. Mod 0 units will still be issued until stock is exhausted.

3. The following lots have expired since the last publication of this report:

UPC93B001-023	February 2002
UPC90D001-024	April 2002
UPC91B001-029	May 2002
UPC91E001-030	May 2002
UPC90F001-025	June 2002

4. The following lots will expire within the next six months:

UPC91G001-031	July 2002
UPC90K001-026	October 2002
UPC90J001-027	September 2002
UPC91J001-032	September 2002
UPC90M001-028	December 2002

5. Indian Head has extended the following lots' service lives 12 months from 132 months (11 years) to 144 months (12 years) per NAVAIR 11-100-1.1-CD:

UPC90F001-025	June 2002	UPC90K001-026	October 2002
UPC90J001-027	September 2002	UPC90M001-028	December 2002

6. We have not received any Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies or EIs on the FA-18 aircraft since the last publication of this report.

FA-18C/D/E/F AIRCRAFT**SJU-17/(V)2/A F/A-18D (Forward Seat) and SJU-17/(V)1/A F/A-18C/D (Aft Seat)**

1. Parachute Deployment Rocket Motor Mk 122 Mod 0

- a. NSN: 1377-01-246-5279
- b. DODIC: MT29
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97D4A
- e. One per aircraft F/A-18C, E, two per aircraft F/A-18E, F (pilot and copilot).



Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
UPC94C003-004 ⁴	229	28	21	1	2	52	March 2003
MBA95F003-010	200	54	40	0	0	94	June 2002
MBA96C003-013	49	5	9	1	4	19	March 2003
UPC97H003-005	192	41	36	9	11	97	August 2004
MBA98J004-014	300	69	45	6	14	134	September 2005
MBA99J004-016	206	34	24	2	8	68	September 2006
MBA01F004-017	257	2	8	0	0	10	June 2008
Total installed:		233	183	19	39		
Grand total installed:						474	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
MBA93F002-009 June 2002
3. The next lot scheduled to expire does not expire until March 2003.
4. **Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:**
MBA93F002-009 June 2002
UPC94C003-004 March 2003
5. We have not received any Mk 122 Mod 0 (MT29) conventional ordnance deficiencies or EIs on the FA-18 aircraft since the last publication of this report.

2. Underseat Rocket Motor Mk 123 Mod 0

- a. NSN: 1377-01-246-5280
- b. DODIC: MT30
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D4B
- e. One per F/A-18D and F aircraft (pilot).



Lot No.	Lot quantity	FA-18D	FA-18F	Total units installed	Service life expiration date
MBA89F001-003	31	4	0	4	June 2004
MBA89F001-005	16	1	0	1	June 2004
MBA90H001-006	35	10	0	10	August 2005
MBA90H001-007	6	0	0	0	August 2005
MBA90K001-008	50	15	0	15	October 2005
UPC90L001H001B	17	1	0	1	November 2005
MBA91J001-009	14	6	0	6	September 2006
UPC91K001H002A	14	1	0	1	October 2006
MBA92C001-010	10	0	0	0	March 2007
UPC93E002H005	27	1	0	1	May 2008
MBA93F002-011	52	12	0	12	June 2008
UPC94B003H006	80	13	0	13	February 2009
MBA95C003-012	236	6	1	7	March 2010
MBA96C003-013	71	4	3	7	March 2011
MBA97G003-014	33	10	8	18	July 2012
MBA98J003-017	33	7	7	7	September 2013
MBA99H003-019	53	0	20	20	August 2014
MBA01A003-020	47	0	0	0	January 2016
Total installed:		91	39		
Grand total installed:				130	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire do not expire until June 2004.
- We have increased the service life of the Mk 123 Mod 0 (MT30) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z Sept 01.**
- We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the FA-18 aircraft since last publication of this report.

3. Underseat Rocket Motor Mk 124 Mod 0

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48
- e. One per F/A-18D, and F aircraft (copilot), one per F/A-18C, E aircraft (pilot).



Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
MBA89F001-004	57	3	3	0	0	6	June 2004
MBA89F001-005	7	0	0	0	0	0	June 2004
MBA90H001-006	68	12	10	0	0	22	August 2005
MBA90H001-007	36	11	8	0	0	19	August 2005
MBA90K001-008	91	19	7	0	0	26	October 2005
UPC90L001H001B	36	0	2	0	0	2	November 2005
MBA91J001-009	34	11	9	0	0	20	September 2006
UPC91K001H002A	29	3	2	0	0	5	October 2006
UPC91K001H003	6	1	0	0	0	1	October 2006
MBA92C001-010	27	8	2	0	0	10	March 2007
UPC93D002H004	62	6	2	0	0	8	April 2007
MBA93F002-011	104	58	7	1	1	67	June 2008
UPC94C002H005	142	25	12	0	0	37	March 2009
MBA95C003-012	165	76	6	5	1	88	March 2010
MBA96C003-013	71	6	5	0	1	12	March 2011
MBA97G003-014	70	9	12	11	10	42	July 2012
MBA98J003-017	66	3	6	6	9	24	September 2013
MBA99H003-019	84	1	0	18	17	36	August 2014
MBA01A003-020	76	0	0	0	0	0	January 2016
Total installed:		252	93	41	39		
Grand total installed:						425	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lots scheduled to expire do not expire until June 2004.
4. **We have increased the service life of the Mk 124 Mod 0 (MT31) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z Sept 01.**
5. We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the FA-18 aircraft since last publication of this report.

4. Rocket Motor Mk 109 Mod 0, and Mod 1

- a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod 1)
- b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
- c. Service life: 132 months (11 years)
- d. Rocket motor WUC: 97D47
- e. Two per F/A-18
- f. For NACES FA-18 Aircraft



Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
UPC90K001-026 ⁵	244	1	2	0	0	3	October 2002
UPC90J001-027 ⁵	47	21	5	0	0	26	September 2002
UPC90M001-028 ⁵	47	20	4	0	0	24	December 2002
UPC91G001-031	43	16	8	0	0	24	July 2002
UPC91J001-032	49	19	9	0	0	28	September 2002
UPC92B001-033	46	10	12	0	0	22	February 2003
UPC92D001-034	48	13	11	0	0	24	April 2003
UPC92G001-035	45	20	8	0	0	28	July 2003
UPC92G001-036	343	10	0	0	0	10	July 2003
UPC92K001-038	49	20	6	0	0	26	October 2003
UPC93A001-039	35	13	6	0	0	19	January 2004
UPC93C001-041	48	22	10	0	0	32	March 2004
UPC93J001-042	25	24	1	0	0	25	September 2004
TAC94A002-001A	15	0	1	0	0	1	January 2005
UPC94D001-043	60	34	20	3	0	59	April 2005
UPC95D001-044	29	26	0	3	0	29	April 2006
UPC95G001-045	27	26	0	1	1	28	July 2006
UPC95H001-046	25	22	0	2	1	25	August 2006
UPC95L001-047	20	20	0	0	0	20	November 2006
UPC96B001-048	48	0	0	0	0	0	February 2007
UPC96C001-049	6	5	0	1	2	8	March 2007
UPC96G001-050	195	8	0	28	32	68	July 2007
UPC96E001-051	18	16	0	0	0	16	May 2007
UPC97B001-053	18	10	5	2	0	17	February 2008
UPC97G001-054	14	7	9	0	0	16	July 2008
UPC97G001-055	6	4	0	0	0	4	July 2008
UPC98B001-056	54	2	18	18	16	54	February 2009

Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
UPC99B001-057	57	0	10	2	4	16	February 2010
IH-98D001-001 ²	57	2	0	0	0	2	April 2009
TAC99D001-002 ²	250	14	16	0	0	30	April 2010
TAC00A001-003 ²	273	3	10	0	0	13	January 2011
TAC01H001-005 ²	109	0	0	0	0	0	August 2012
TAC01K001-006 ²	60	0	0	0	0	0	October 2012
Total installed:		426	175	57	56		
Grand total installed:						714	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIIV has qualified and released a Mk 109 Mod 1 (SS67) Canopy Jettison Rocket Motor. This new unit can be used in all applications in which the Mod 0 unit is currently used. The Mod 1 is a one-for-one exchange with the Mk 109 Mod 0 (MF56) unit. Mod 0 units will still be issued until stock is exhausted.**
- The following lots have expired since the last publication of this report:**

UPC93B001-023	February 2002
UPC90D001-024	April 2002
UPC91B001-029	May 2002
UPC91E001-030	May 2002
UPC90F001-025	June 2002

- The following lots will expire within the next six months:**

UPC91G001-031	July 2002
UPC90K001-026	October 2002
UPC90J001-027	September 2002
UPC91J001-032	September 2002
UPC90M001-028	December 2002

- Indian Head has extended the following lots' service lives 12 months from 132 months (11 years) to 144 months (12 years) per NAVAIR 11-100-1.1-CD:

UPC90F001-025	June 2002	UPC90K001-026	October 2002
UPC90J001-027	September 2002	UPC90M001-028	December 2002

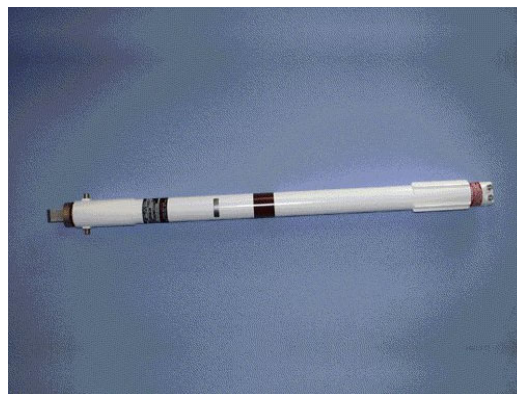
- We have not received any Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies or EIs on the FA-18 aircraft since last publication of this report.

OV-10A AIRCRAFT

North American LW-3B Ejection Seats

1. Rocket Catapult Mk 12 Mod 1

- a. NSN: 1377-00-276-2364
- b. DODIC: MC77
- c. Service life: 120 months (10 years)
- d. Rocket motor WUC: 97D3D
- e. Two per aircraft.



Lot No.	Lot quantity	OV-10A	Total units installed	Service life expiration date
IH-96K001-007	10	6	6	October 2006
IH00C002-009	14	0	0	March 2010
Total installed:		6		
Grand total installed:			6	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **We have increased the service life of the Mk 12 Mod 1 (MC77) Rocket Catapult from 96 months (8 years) to 120 months (10 years).**
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire does not expire until October 2006.
5. We have not received any Mk 12 Mod 1 (MC77) conventional ordnance deficiencies or EIs on the OV-10 aircraft since the last publication of this report.

QF-4N/S SERIES AIRCRAFT

Martin-Baker Mk H-7 Ejection Seats

1. Underseat Rocket Motor Mk 92 Mod 1

- a. NSN: 1377-01-036-8514
- b. DODIC: M933
- c. Service life: 192 months (16 years)
- d. Rocket motor WUC: 97D3R
- e. Two per aircraft (pilot and RIO).



Lot No.	Lot quantity	QF-4N	QF-4S	Total units installed	Service life expiration date
IH-88J001-005	306	1	59	60	September 2004
Total installed:		1	59		
Grand total installed:				60	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **We have increased the service life for the Mk 92 Mod 1 (M933) Underseat Rocket Motor from 168 months (14 years) to 192 months (16 years).**
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire does not expire until September 2004.
5. We have not received any Mk 92 Mod 1 (M933) conventional ordnance deficiencies or EIs on the F-4 aircraft since the last publication of this report.

S-3B AIRCRAFT

Douglas ESCAPAC 1E-1 Ejection Seats

1. Rocket Catapult Mk 16 Mod 1

- a. NSN: 1377-01-040-9324
- b. DODIC: MD 72
- c. Service life: 156 months (13 years)
- d. Rocket motor WUC: 97D44
- e. Four per aircraft.



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC89G003-021	20	0	0	July 2002
UPC89G003-022	268	67	67	July 2002
UPC89K003-023	234	67	67	October 2002
UPC89M004-025	161	24	24	December 2002
UPC90B004-026	279	54	54	February 2003
UPC90C004-027	279	95	95	March 2003
UPC90H004-028	69	40	40	August 2003
UPC93B004-031	14	10	10	February 2006
UPC97B001-032	7	1	1	February 2010
UPC99J001-034	173	69	69	September 2012
UPC99L001-035	183	4	4	November 2012
Total installed:		435		
Grand total installed:			435	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. **The next lot scheduled to expire will expire in July 2002.**
4. We have not received any Mk 16 Mod 1 (MD72) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

2. Rocket Motor Mk 82 Mod 0/1 (Man/Seat Separator, Left)

- a. NSN: Mod 0 1377-00-119-2022/Mod 1 1377-01-412-6530
- b. DODIC: M928/MU76
- c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
- d. Rocket motor WUC: Mod 0 97D11/Mod 1 97D12
- e. Two per aircraft (copilot/TACCO).



Lot No.	Lot quantity	S-3B	Total Units Installed	Service life expiration date
UPC86K001-017	279	28	28	October 2002
UPC93B001-021	391	191	191	February 2009
UPC94C001-022	25	12	12	March 2010
UPC99F001-003A²	10	6	6	June 2006
UPC00E001-004²	90	8	8	May 2007
IHM00B002-006^{2, 3}	14	0	0	February 2008
Total installed:		245		
Grand total installed:			245	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **These lots of Mk 82 Mod 1 Man/Seat Separator Rocket Motors can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 82 Mod 0 (M928) unit. Mod 0 units will still be issued until stock is exhausted.**
3. **Indian Head has changed its manufacturer's identification symbol from IH to IHM.**
4. No lots have expired since the last publication of this report.
5. **The next lot scheduled to expire will expire in October 2002.**
6. We have not received any Mk 82 Mod 0 (M928) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

3. Rocket Motor Mk 90 Mod 0/1 (Man/Seat Separator, Right)

- a. NSN: Mod 0 1377-00-201-9554/Mod 1 1377-01-412-6462
- b. DODIC: MC51/MU75
- c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
- d. Rocket motor WUC: Mod 0 97D3Q/Mod 1 97D3S
- e. Two per aircraft (Pilot/SENSO).



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC86J001-004	180	100	100	September 2002
IH-96D001-004¹	175	118	118	April 2003
IH-99H001-005¹	106	2	2	August 2006
IHM00B002-006^{1,2}	110	0	0	February 2008
Total installed:		220		
Grand total installed:			220	

ILS Notes:

1. **These lots of Mk 90 Mod 1 Man/Seat Separator Rocket Motors can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 90 Mod 0 (MU75) unit. Mod 0 units will still be issued until stock is exhausted.**
2. **Indian Head has changed its manufacturer's identification symbol from IH to IHM.**
3. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
4. No lots have expired since the last publication of this report.
5. **The next lot scheduled to expire will expire in September 2002.**
6. We have not received any Mk 90 Mod 0/1 (MC51/MU75) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

4. Rocket Motor Mk 83 Mod 0 (Low Yaw Thruster)

- a. NSN: 1377-00-119-2031
- b. DODIC: M929
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97D31
- e. Two per aircraft (pilot/copilot).



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC97J002-014R	84	68	68	September 2004
ESD00B001-001⁵	96	63	63	February 2007
ESD00H001-002⁵	119	21	21	August 2007
Total installed:		192		
Grand total installed:			192	

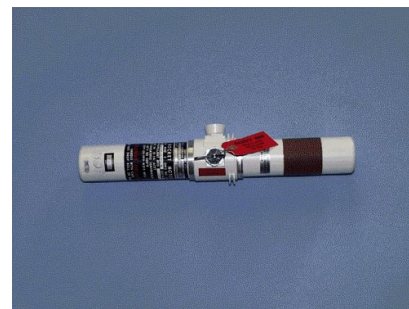
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**

UPC95E001-013 May 2002
3. The next lot scheduled to expire does not expire until September 2004.
4. We have not received any Mk 83 Mod 0 (M929) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.
5. **We have qualified Pacific Scientific (ESD) as a manufacturer.**

5. Rocket Motor Mk 84 Mod 2 (Vernier)

- a. NSN: 1377-01-199-8315
- b. DODIC: MF57
- c. Service life: 156 months (13 years)
- d. Rocket motor WUC: 97D3L
- e. Four per aircraft.



Lot No.	Lot quantity	S-3B	S-3B ACB 888	Total units installed	Service life expiration date
TAC90M001-005A	213	13	69	82	December 2003
TAC93L001-006A	107	2	83	85	November 2006
TAC95J001-007A	86	1	92	93	September 2008
TAC96H001-001A	286	9	202	211	August 2009
TAC00K001-008	96	0	0	0	October 2013
TAC01G001-009	96	0	0	0	July 2014
Total installed:		25	446		
Grand total installed:				471	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**
 - TAC89D001-003A April 2002**
 - TAC89D001-004A April 2002**
3. The next lot scheduled to expire does not expire until December 2003.
4. We have not received any Mk 84 Mod 2 (MF57) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

6. Rocket Motor Mk 85 Mod 0 (High Yaw Thruster)

- a. NSN: 1377-00-119-2045
- b. DODIC: M932
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97D43
- e. Two per aircraft (SENSO/TACCO).



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC96J002-014	176	142	14	September 2003
UPC97D002-015	100	85	85	April 2004
ESD99M001-001⁵	121	15	15	December 2006
ESD99M001-001⁵	121	0	0	December 2006
Total installed:		247		
Grand total installed:			247	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire does not expire until September 2003.
- We have not received any Mk 85 Mod 0 (M932) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.
- We have qualified Pacific Scientific (ESD) as a manufacturer.**

T-2C SERIES AIRCRAFT

North American LS-1A Ejection Seats

1. Rocket Catapult Mk 18 Mod 0

- a. NSN: 1377-00-250-0206
- b. DODIC: M941
- c. Service life: 120 months (10 years)
- d. Two per aircraft
- e. Rocket motor WUC: 97D1F
- f. This device can also be utilized in the LS-1 configuration seat if installed in pairs.

Lot No.	Lot quantity	T-2C	Total units installed	Service life expiration date
IH-95C001-015	144	133	133	March 2005
IH-96K001-016	56	52	52	October 2006
IH-96K001-017	27	1	1	October 2006
IH-99F002-018	46	2	2	June 2009
IH-00C002-019	31	4	4	March 2010
Total installed:		192		
Grand total installed:			192	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **We have increased the service life for the Mk 18 Mod 0 (M941) Rocket Catapult from 96 months (8 years) to 120 months (10 years).**
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire does not expire until March 2005.
5. We have not received any Mk 18 Mod 0 (M941) conventional ordnance deficiencies or EIs on the T-2 aircraft since the last publication of this report.

T-45A/C AIRCRAFT**SJU-17/(V)5/A (Forward Seat)****SJU-17/(V)6/A (Aft Seat)**

1. Parachute Deployment Rocket Motor Mk 122 Mod 0

- a. NSN: 1377-01-246-5279
- b. DODIC: MT29
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97D4A
- e. Two per aircraft.



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
UPC94C003-004 ⁴	229	24	3	27	March 2003
MBA95F003-010	200	11	4	15	June 2002
MBA96C003-013	49	0	12	12	March 2003
UPC97H003-005	192	35	26	61	August 2004
MBA98J004-014	300	48	33	81	September 2005
MBA99J004-016	206	13	3	16	September 2006
MBA01A004-017	257	8	3	11	June 2008
Total installed:		139	84		
Grand total installed:				223	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
MBA93F002-009 June 2002
3. The next lot scheduled to expire does not expire until March 2003.
4. Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:
MBA93F002-009 June 2002
UPC94C003-004 March 2003
5. We have not received any Mk 122 Mod 0 (MT29) conventional ordnance deficiencies or EIs on the T-45 aircraft since last publication of this report.

2. Underseat Rocket Motor Mk 123 Mod 0

- a. NSN: 1377-01-246-5280
- b. DODIC: MT30
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D4B
- e. One per aircraft (Pilot Seat)



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
MBA89F001-003	31	0	0	0	June 2004
MBA89F001-005	16	0	0	0	June 2004
MBA90H001-006	35	3	0	3	August 2005
MBA90H001-007	6	1	0	1	August 2005
MBA90K001-008	50	5	0	5	October 2005
UPC90L001H001B	17	2	0	2	November 2005
MBA91J001-009	14	1	0	1	September 2006
UPC91K001H002A	14	1	0	1	October 2006
MBA92C001-010	10	6	0	6	March 2007
UPC93E002H005	27	2	0	2	May 2008
MBA93F002-011	52	28	4	32	June 2008
UPC94B003H006	80	17	4	21	February 2009
MBA95C003-012	236	6	7	13	March 2010
MBA96C003-013	71	0	7	7	March 2011
MBA97G003-014	33	0	11	11	July 2012
MBA98J003-017	33	0	8	8	September 2013
MBA99H003-019	53	0	1	1	September 2014
MBA01A003-020	47	0	0	0	January 2016
Total installed:		72	42		
Grand total				114	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire do not expire until June 2004.
- We have increased the service life of the Mk 123 Mod 0 (MT30) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z Sept 01.**
- We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the T-45 aircraft since the last publication of this report.

3. Underseat Rocket Motor Mk 124 Mod 0

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48
- e. One per aircraft (Aft seat).



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
MBA89F001-004	57	0	0	0	June 2004
MBA89F001-005	7	0	0	0	September 2004
MBA90H001-006	68	3	0	3	August 2005
MBA90H001-007	36	0	0	0	August 2005
MBA90K001-008	91	4	0	4	October 2005
UPC90L001H001B	36	1	0	1	November 2005
MBA91J001-009	34	4	0	4	September 2006
UPC91K001H002A	29	2	0	2	October 2006
UPC91K001H003	6	0	0	0	October 2006
MBA92C001-010	27	6	0	6	March 2007
UPC93D002H004	62	3	0	3	April 2008
MBA93F002-011	104	20	0	20	June 2008
UPC94C003H005	142	19	7	26	March 2009
MBA95C003-012	165	3	4	7	March 2010
MBA96C003-013	71	1	7	8	March 2011
MBA97G003-014	70	5	11	16	July 2012
MBA98J003-017	66	0	14	14	September 2013
MBA99H003-019	84	0	1	1	August 2014
MBA01A003-020	76	0	0	0	January 2016
Total installed:		71	44		
Grand total installed:				115	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire does not expire until June 2004.
- We have increased the service life of the Mk 124 Mod 0 (MT31) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z Sept 01.**
- We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the T-45 aircraft since the last publication of this report.

PAD SUMMARY

The following section summarizes the service life, identification data, and total installed assets for each PAD device. Table I contains the PAD device, service life, and operating temperature range. Table I is based on the information current in NAVAIR 11-100-1.1-CD at the time this report was printed; NAVAIR 11-100-1.1-CD is the official source for the service life of PAD devices. Table II identifies each PAD device by DODIC, propellant type, explosive weight, manufacturer, NAVAIR part number, applicable specification (procurement description), applicable aircraft, and aircraft manufacturer. Table III presents the total installed assets for the PAD devices, and Table IV provides this information by lot numbers.

Table I. Service Life Listing^a

Device	Service life (mo)	Operating range (°F)
Rocket Catapult		
Mk 12 Mod 1	120	-40 to 165
Mk 16 Mod 1	156	-40 to 160
Mk 18 Mod 0	120	-40 to 165
CKU-7A	120	-40 to 160
Man/Seat Separators		
Mk 82 Mod 0	192	-40 to 160
Mk 82 Mod 1	84	-40 to 160
Mk 90 Mod 0	192	-40 to 160
Mk 90 Mod 1	84	-40 to 160
Yaw Thrusters		
Mk 83 Mod 0	84	-40 to 160
Mk 85 Mod 0	84	-40 to 160
Vernier Rocket		
Mk 84 Mod 2	156	-40 to 160
Seatback Rocket		
Mk 79 Mod 1	132	-40 to 160
Mk 79 Mod 2	132	-40 to 160
WORD/Droque Release Assembly		
Mk 113 Mod 0	96	-40 to 160
Mk 113 Mod 0	96	-40 to 160
Catapult Cartridge		
Mk 205 Mod 1	96	-65 to 165
Mk 205 Mod 2	96	-65 to 165

See footnote at end of table.

Table I—Continued

Device	Service life (mo)	Operating range (°F)
<i>Underseat Rocket Motor</i>		
Mk 74/75 Mod 0	240	–40 to 160
Mk 74/75 Mod 1	240	–40 to 160
Mk 86/87/88 Mod 0	240	–40 to 160
Mk 86/87/88 Mod 1	240	–40 to 160
Mk 92 Mod 1	192	–40 to 160
Mk 100 Mod 0	204	–40 to 160
Mk 101 Mod 0	204	–40 to 160
Mk 123 Mod 0	180	–65 to 165
Mk 124 Mod 0	180	–65 to 165
<i>Canopy Remover Rocket Motor</i>		
Mk 109 Mod 0	132	–65 to 165
Mk 109 Mod 1	132	–65 to 165
<i>Rocket Motor Divergence</i>		
Mk 121 Mod 0	84	–40 to 160
<i>Parachute Deployment Rocket Motor</i>		
Mk 122 Mod 0	84	–65 to 165

^aOfficial listing maintained in NAVAIR 11-100-1.1-CD.

Table II. Propellant-Actuated Devices Summary
[As of 30 June 2002]

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Rocket Catapults (Navy)								
Mk 12 Mod 1	MC77	CTPB	5.00	Indian Head	NAVAIR 709AS100 P/N 31276	MIL-DTL-85097/9A(AS)	OV-10A	Rockwell International Corp.
Mk 16 Mod 1	MD72	CTPB	7.00	Indian Head UPCO	NAVAIR 736AS300 (1000-6)	MIL-DTL-85097/1B	S-3A, TA-4J	Lockheed California Corp. McDonnell Douglas
Mk 18 Mod 0	M941	CTPB	5.00	Indian Head	NAVAIR 707AS100	MIL-DTL-85097/12(AS)	T-2	Rockwell International Corp.
Rocket Catapults (Air Force)								
CKU-7A	MS15	CTPB	6.40	Indian Head UPCO	F11820361	MIL-C-48568	F-5E F-5F T-38	Northrup Corp.
Rocket Motors								
Mk 74 Mod 0 (Pilot)	M572	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904093 (MB-300-1205)	MIL-A-85097/8B(AS)	F-14A F-14B NF-14A NF-14B	Grumman Aerospace Corp.
Mk 74 Mod 1 (Pilot)	M572	Double Base	6.40	Indian Head	759AS130	MIL-A-85097/8B(AS)	F-14A/B	Grumman Aerospace Corp.
Mk 75 Mod 0 (NFO)	M573	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904094 (MB-300-1206)	MIL-A-85097/8B(AS)	F-14A/B	Grumman Aerospace Corp.
Mk 75 Mod 1 (NFO)	M573	Double Base	6.40	Indian Head	759AS140	MIL-A-85097/8B(AS)	F-14	Grumman Aerospace Corp.
Mk 79 Mod 1 (SBR)	MF21	CTPB CTPB	2.70	Indian Head Talley	NAVAIR 672AS200 P/N 50579-5	MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	Hawker-Siddeley/ McDonnell
Mk 79 Mod 2 (SBR)	MF21	HTPB HTPB	2.70	Indian Head Talley	NAVAIR 672AS200 P/N 50579-7	MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	Hawker-Siddeley/ McDonnell
Mk 82 Mod 0 (Man/Seat Separator, Left)	M928	CTPB	0.60	UPCO	NAVAIR 944AS100 1033-2 (UPC)	MIL-DTL-85097/5B(OS)	S-3B, ES-3A A-4F/M, TA-4J	Lockheed California Corp. McDonnell Douglas
Mk 83 Mod 0 (Low Yaw Thruster)	M929	CTPB	0.05	UPCO Pacific Scientific	NAVAIR 946AS100 1105-1 (UPC)	MIL-DTL-85097/6A (AS)	S-3B ES-3A	Lockheed California Corp.
Mk 84 Mod 2 (Vernier Rocket)	MF57	CTPB	1.12	Talley UPCO	NAVAIR 503AS200 (50436-9) (1340-2)	MIL-DTL-85097/7D(OS)	S-3B ES-3A	Lockheed California Corp.
Mk 85 Mod 0 (High Yaw Thruster)	M932	CTPB	0.10	UPCO Pacific Scientific	NAVAIR 989AS100 1136-1 (UPC)	MIL-DTL-85097/6A(AS)	S-3B ES-3A	Lockheed California Corp.
Mk 86 Mod 0 (Pilot/ECMO-3)	M938	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904171 (MB-200-610)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 86 Mod 1 (Pilot/ECMO-3)	M938	Double Base	6.40	Indian Head	759AS170	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 87 Mod 0 (ECMO-1)	M939	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904172 (MB-200-612)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 87 Mod 1 (ECMO-1)	M939	Double Base	6.40	Indian Head	759AS180	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.

Table II—Continued

[As of 30 June 2002]

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Mk 88 Mod 0 (ECMO-2)	M940	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904173 (MB-200-614)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 88 Mod 1 (ECMO-2)	M940	Double Base	6.40	Indian Head	759190	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 90 Mod 0 (Man/Seat Separator, Right)	MC51	CTPB	0.60	UPCO	NAVAIR 970AS100 1033-3 (UPC)	MIL-DTL-85097/5B(OS)	S-3B ES-3A	Lockheed California Corp.
Mk 90 Mod 1	MU75	CTPB	0.60	Indian Head	NAVAIR 970AS201	MIL-DTL-85097/5B(OS)	S-3B ES-3A	Lockheed California Corp.
Mk 92 Mod 1	M933	Double Base	6.20	Indian Head	NAVAIR 1175AS100	MIL-A-85097/8BAS)	QF-4N	McDonnell Douglas
Mk 100 Mod 0	MD68	Double Base	6.60	Martin-Baker	MBEU-69025-2 NAVAIR 1176AS200	MIL-A-85097/8B	FA-18A FA-18B FA-18C FA-18D	McDonnell Douglas
Mk 101 Mod 0	MD69	Double Base	6.60	Martin-Baker	MBEU-69028-2 NAVAIR 1176AS300	MIL-A-85097/8B	FA-18B FA-18D	McDonnell Douglas
Mk 109 Mod 0	MF56	CTPB	1.0	Indian Head Talley UPCO	P/N-50656-5 NAVAIR 1507AS100	MIL-DTL-85097/13C (OS)	FA-18A FA-18B FA-18C FA-18D FA-18E FA-18F	McDonnell Douglas (Boeing)
Mk 109 Mod 1	SS67	HTPB	1.0	Indian Head UPCO	1507AS201	MI-DTL-85097/13A(OS)	FA-18A FA-18B FA-18C FA-18D FA-18E FA-18F	McDonnell Douglas (Boeing)
Mk 113 Mod 0/1	MG67	CTPB HTPB	0.288	UPCO Talley	NAVAIR 673AS200 P/N 50885-1	MIL-DTL-85097/11D(OS)	AV-8B TAV-8B	Hawker-Siddeley/ McDonnell Douglas
Mk 121 Mod 0 (Divergence)	MT28	CTPB	0.22	UPCO Pacific Scientific	P/N 1163-3 (UPC) NAVAIR 673AS300 2-102370-2 (Pac Sci)	MIL-A-85097/15	TAV-8B	McDonnell Douglas
Mk 122 Mod 0	MT29	Double Base	0.5	Martin-Baker UPCO	MBEU-146190	MIL-A-85097/16	FA-18C FA-18D, FA-18E FA-18F T-45 A T-45C F-14 D	McDonnell Douglas British Aerospace/ McDonnell Douglas Grumman Aerospace Corp.
Mk 123 Mod 0	MT30	Double Base	6.8	Martin-Baker UPCO	MBEU-142801	MIL-A-85097/17	FA-18C FA-18D FA-18F T-45A T-45C F-14D	McDonnell Douglas Grumman Aerospace Corp.
Mk 124 Mod 0	MT31	Double Base	6.8	Martin-Baker UPCO	MBEU-142802	MIL-A-85097/17	FA-18C FA-18D FA-18E FA-18F T-45 A T-45C F-14 D	McDonnell Douglas British Aerospace/ McDonnell Douglas Grumman Aerospace Corp.
Mk 205 Mod 1/2	XW36	CTPB HTPB	0.25	Talley	NAVAIR 772AS400 P/N 5913-5	MIL-DTL-85097/2E	AV-8B TAV-8B	Hawker-Siddeley/ McDonnell Douglas

Table III. Total Installed Assets

[As of 30 June 2002]

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 12 Mod 1	MC77	OV-10	6	6
Mk 16 Mod 1	MD72	TA-4J	14	14
		S-3B	435	435
				449
Mk 18 Mod 0	M941	T-2C	192	192
Mk 74 Mod 0	M572	F-14A	36	
		F-14B	60	96
Mk 74 Mod 1	M572	F-14A	9	
		F-14B	5	14
				110
Mk 75 Mod 0	M573	F-14A	37	
		F-14B	59	96
Mk 75 Mod 1	M573	F-14A	5	
		F-14B	9	14
				110
Mk 82 Mod 0	M928	TA-4J	14	14
		S-3B	231	231
				245
MK 82 Mod 1	MU76	TA-4J	0	0
		S-3B	14	14
				259
Mk 83 Mod 0	M929	S-3B	192	192
Mk 85 Mod 0	M932	S-3B	247	247
Mk 92 Mod 1	M933	QF-4N	1	
		QF-4S	59	
				60
Mk 86 Mod 0	M938	EA-6B	190	190
Mk 86 Mod 1	M938	EA-6B	42	42
				232
Mk 87 Mod 0	M939	EA-6B	101	101
Mk 87 Mod 1	M939	EA-6B	6	6
				107
Mk 88 Mod 0	M940	EA-6B	78	78
Mk 88 Mod 1	M940	EA-6B	36	36
				114

Table III—Continued

[As of 30 June 2002]

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 90 Mod 0	MC51	S-3B	100	100
Mk 90 Mod 1	MU75	S-3B	120	120
	MC51/MU75			220
Mk 100 Mod 0	MD68	FA-18A	204	
		FA-18B	33	
		FA-18C	147	
		FA-18D	49	433
Mk 101 Mod 0	MD69	FA-18B	33	
		FA-18D	53	86
Mk 79 Mod 1	MF21	AV-8B	210	
		NAV-8B	2	
		TAV-8B	44	256
Mk 109 Mod 0 Non-NACES	MF56	FA-18A	264	
		FA-18B	44	
		FA-18C	203	
		FA-18D	70	581
Mk 109 Mod 1 Non-NACES	SS67	FA-18A	120	
		FA-18B	21	
		FA-18C	92	
		FA-18D	33	266
				847
MK 109 Mod 0 NACES	MF56	FA-18C	407	
		FA-18D	149	
		FA-18E	57	
		FA-18F	56	669
Mk 109 Mod 1 NACES	SS67	FA-18C	19	
		FA-18D	26	
		FA-18E	0	
		FA-18F	0	45
				714
				1,667
Mk 84 Mod 2	MF57	S-3B	471	
		Repaired	446	
		Not repaired	25	471

Table III—Continued

[As of 30 June 2002]

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 113 Mod 0/1	MG67	AV-8B NAV-8B TAV-8B	120 1 10	131
CKU-7A	MS15	F-5E F-5F T-38A	32 8 18	58
Mk 121 Mod 0	MT28	TAV-8B	29	29
Mk 122 Mod 0	MT29	F-14D FA-18C FA-18D FA-18E FA-18F T-45A T-45C	97 244 183 21 39 141 84	97 487 225 809
Mk 123 Mod 0	MT30	F-14D FA-18D FA-18F T-45A T-45C	50 91 39 72 42	50 130 114 294
Mk 124 Mod 0	MT31	F-14D FA-18C FA-18D FA-18E FA-18F T-45A T-45C	48 252 93 41 39 71 44	48 425 115 588
Mk 205 Mod 1	XW36	AV-8B NAV-8B TAV-8B	98 1 27	126
Mk 205 Mod 2	XW36	AV-8B NAV-8B TAV-8B	53 0 0	53 179

Table IV. Total Reported Installed By Lot Number

[As of 30 June 2002]

DODIC	Model	Lot No.	Lot quantity	Quantity installed	Total installed	Expiration date	Aircraft type(s)
MC77	Mk 12 Mod 1	IH-96K001-007 IH-00C002-009	10 14	6 0	6	October 2006 March 2010	OV-10
MD72	Mk 16 Mod 1	UPC89G003-021 UPC89G003-022 UPC89K003-023 UPC89M003-025 UPC90B003-026 UPC90C003-027 UPC90H003-028 UPC93B004-031 UPC97B001-032 UPC99J001-034 UPC99L001-035	20 268 234 161 279 279 69 14 7 173 183	2 68 67 24 57 99 40 12 1 69 4	443	July 2002 July 2002 October 2002 December 2002 February 2003 March 2003 August 2003 February 2006 February 2010 September 2012 November 2012	TA-4J/S-3B
M941	Mk 18 Mod 0	IH-95C001-015 IH-96K001-016 IH-96K001-017 IH-99F002-018 IH-00C002-019	144 56 27 46 31	133 52 1 2 4	192	March 2005 October 2006 October 2006 June 2009 March 2010	T-2C
M572	Mk 74 Mod 0	MBA83A001-011 MBA84B001-013 MBA85E001-015 MBA85E001-017 MBA85H001-018 UPC86J001-001A/B MBA88B001-024 MBA88H001-026	30 24 18 18 126 25 15 6	6 11 9 15 37 7 8 3	96	January 2003 February 2004 May 2005 May 2005 August 2005 August 2006 February 2008 August 2008	F-14A/F-14B
M572	Mk 74 Mod 1	IH-94L002-003A IH-94L002-004	23 15	13 1	14 110	November 2014 November 2014	
M573	Mk 75 Mod 0	MBA83A001-011 MBA84B001-013 MBA85E001-015 MBA85E001-017 MBA85H001-018 UPC86J001-001A/B MBA88B001-024 MBA88H001-026	30 24 18 18 134 25 15 5	10 8 12 16 37 3 8 2	96	January 2003 February 2004 May 2005 May 2005 August 2005 August 2006 February 2008 August 2008	F-14A/F-14B
M573	Mk 75 Mod 1	IH-94L002-003A IH-94L002-004	22 12	12 2	14 110	November 2014 November 2014	

Table IV—Continued

[As of 30 June 2002]

DODIC	Model	Lot No.	Lot quantity	Quantity installed	Total installed	Expired date	Aircraft type
M928	Mk 82 Mod 0	UPC86K001-017	279	40	245	October 2002	TA-4J/S-3B
		UPC93B001-021	391	193		February 2009	
		UPC94C001-022	25	12		March 2010	
MU76	MK 82 Mod 1	UPC99F001-003A	10	6		June 2006	
		UPC00E001-004	90	8		May 2007	
		IHM00B002-006	14	0	14	February 2008	
					259		
M929	Mk 83 Mod 0	UPC97J002-014R	84	68	216	September 2004	S-3B
		ESD00B001-001	96	63		February 2007	
		ESD00H001-002	119	21		August 2007	
M932	Mk 85 Mod 0	UPC96J002-014	176	142	242	September 2003	S-3B
		UPC97D002-015	100	85		April 2004	
		ESD99M001-001	121	15		December 2006	
M933	Mk 92 Mod 1	IH-88J001-005	306	60	60	September 2003	QF-4N/QF-4S
M938	Mk 86 Mod 0	MBA83A001-011	14	15	180 42 222	January 2003	EA-6B
		MBA84B001-013	12	7		February 2004	
		MBA85E001-015	16	12		May 2005	
		MBA85E001-017	24	20		May 2005	
		MBA85H001-018	32	28		August 2005	
		MBA86J001-021	24	20		September 2006	
		UPC86J001-001A/B	37	21		September 2006	
		MBA86J001H020	27	26		September 2006	
		MBA88B001H023	7	0		February 2008	
		MBA88E001-027	24	14		May 2008	
		MBA89F001-030	24	17		June 2009	
		IH-94L002-003A	79	42		November 2014	
M939	Mk 87 Mod 0	MBA83A001-011	6	6	107 6 113	January 2003	EA-6B
		MBA84B001-013	6	4		February 2004	
		MBA85E001-015	8	5		May 2005	
		MBA85E001-017	12	10		May 2005	
		MBA85H001-018	25	18		August 2005	
		MBA86J001H020	24	18		September 2006	
		MBA86J001-021	12	11		September 2006	
		UPC86J001-001A/B	25	7		September 2006	
		MBA88B001H023	5	5		February 2008	
		MBA88E001-025	11	0		May 2008	
		MBA88E001-028	10	7		May 2008	
		MBA88H001H029	3	1		August 2008	
		MBA88E001-030	12	9		May 2008	
		MBA89F001-031	11	0		June 2009	
		IH-94L002-003A	26	6		November 2014	

Table IV—Continued

[As of 30 June 2002]

DODIC	Model	Lot No.	Lot quantity	Quantity installed	Total installed	Expired date	Aircraft type
M940	Mk 88 Mod 0	MBA83A001-011	7	7	104	January 2003	EA-6B
		MBA84B001-013	6	4		February 2004	
		MBA85E001-015	8	7		May 2005	
		MBA85E001-017	12	7		May 2005	
		MBA85H001-018	31	17		August 2005	
		MBA86J001-021	13	10		September 2006	
		MBA88E001-025	11	12		May 2008	
		MBA88B001023	6	0		February 2008	
		MBA88E001-027	12	1		May 2008	
		MBA89F001-030	24	36		June 2009	
		MBA00L002-031	46	3		November 2020	
		IH-94L002-003A	49	28		November 2014	
		IH-94L002-004	25	0	28	November 2014	
					132		
MC51 MU75	Mk 90 Mod 0 Mk 90 Mod 1	UPC86J001-004	180	100	100	September 2001	S-3B
		IH-96D001-004	175	118		April 2002	
		IH-99H001-005	106	2		April 2002	
		IH-00B001-006	110	0		February 2008	
					120		
					220		
MD68	Mk 100 Mod 0	MBA85H001-009	66	11	433	August 2002	FA-18A/B/C/D
		MBA85H001-010	24	10		August 2002	
		MBA85K001-011	27	15		October 2002	
		MBA86G001-012	57	27		July 2003	
		MBA86G001-013	47	19		July 2003	
		MBA86G001-015	30	10		July 2003	
		MBA86J001-016	56	18		September 2003	
		MBA86M001-017	29	15		December 2003	
		MBA86J001-018	18	6		September 2003	
		MBA86J001-020	7	1		September 2003	
		MBA87K001-024	21	10		October 2004	
		MBA87K001-025	15	5		October 2004	
		MBA88B001-026	23	20		February 2005	
		MBA88G001-027	5	1		July 2005	
		MBA88B001-028	11	3		February 2005	
		MBA88G001-029	55	44		July 2005	
		MBA88G001-031	16	3		July 2005	
		MBA89A001-033	128	61		January 2006	
		MBA89B001-032	66	61		February 2006	
		MBA89F001-034	8	6		June 2006	
		MBA91B001-038	66	48		February 2008	
		MBA93C002-040	182	41		March 2010	
		MBA94C003-041	46	4		March 2011	
		MBA96L003-047	47	4		November 2014	
		MBA99M003-050	19	0		December 2016	
MD69	Mk 101 Mod 0	MBA85H001-009	11	0		August 2002	
		MBA85K001-011	55	2		October 2002	
		MBA86G001-012	2	1		July 2003	
		MBA86G001-013	11	4		July 2003	
		MBA86J001-020	8	7		September 2003	
		MBA86M001-017	7	4		December 2003	
		MBA87K001-024	2	2		October 2004	
		MBA87K001-025	3	2		October 2004	

Table IV—Continued

[As of 30 June 2002]

DODIC	Model	Lot No.	Lot quantity	Quantity installed		Total installed	Expired date	Aircraft type
MD69	Mk 101 Mod 0	MBA88B001-026	7	6			February 2005	FA-18B/D
		MBA88G001-029	8	6			July 2005	
		MBA89A001-033	25	6			January 2006	
		MBA89B001-032	30	21			February 2006	
		MBA91B001-038	57	10			February 2008	
		MBA93C002-040	23	5			March 2010	
		MBA94C003-041	33	9			March 2011	
		MBA96L003-047	47	0			November 2014	
						82		
MF21	Mk 79 Mod 1	TAC92H001-055	88	0			August 2003	AV-8B/TAV-8B
		TAC93L001-056	18	2			November 2004	
		TAC97D001-001	135	78			April 2008	
		TAC97J002-001	171	118			September 2008	
		IH-98A003-002	110	28			January 2009	
		TAC99H002-002	261	30			August 2010	
		IH-99M002-003	50	0			December 2010	
		TAC00L002-003	30	0			November 2011	
		TAC01E002-004	50	0			May 2012	
		TAC00E002-005	16	0			May 2012	
						226		
						256		
				NACES Non-NACES				
MF56	Mk 109 Mod 0	UPC90F001-025	39	17	0	17	June 2002	
		UPC90K001-026	244	3	164	167	October 2002	
		UPC90J001-027	47	26	0	26	September 2002	
		UPC90M001-028	47	24	0	24	December 2002	
		UPC91G001-031	43	24	1	24	July 2002	
		UPC91J001-032	49	28	0	28	September 2002	
		UPC92B001-033	46	22	0	22	February 2003	
		UPC92D001-034	48	24	0	24	April 2003	
		UPC92G001-035	45	28	0	28	July 2003	
		UPC92G001-036	343	10	229	239	July 2003	
		UPC92K001-038	49	26	0	26	October 2003	
		UPC93A001-039	35	19	0	19	January 2004	
		UPC93C001-041	48	32	0	32	March 2004	
		UPC93J001-042	25	25	0	25	September 2004	
		TAC94A002-001A	15	1	0	1	January 2005	
		UPC94D001-043	60	59	0	59	April 2005	
		UPC95D001-044	29	29	0	29	July 2006	
		UPC95G001-045	27	28	0	28	July 2006	
		UPC95H001-046	25	25	0	25	August 2006	
		UPC95L001-047	20	20	0	20	November 2006	
		UPC96B001-048	48	0	46	46	February 2007	
		UPC96C001-049	6	8	0	8	March 2007	
		UPC96G001-050	195	68	111	179	March 2007	
		UPC96E001-051	18	16	0	16	May 2007	
		UPC97B001-053	18	17	0	17	February 2008	
		UPC97G001-054	16	16	0	16	July 2008	
		UPC97G001-055	6	4	0	4	July 2008	

Table IV—Continued

[As of 30 June 2002]

DODIC	Model	Lot No.	Lot quantity	Quantity installed			Total installed	Expired date	Aircraft type
				NACES Non-NACES					
MF56	Mk 109 Mod 0	UPC98B001-056	54	54	0		54	February 2009	FA-18A/B/C/D/E/F
		UPC99B001-057	51	16	0		16	February 2010	
SS67	Mk 109 Mod 1	IH-98D001-001	57	2	45		47	April 2009	
		TAC99D001-002	250	30	151		181	April 2010	
		TAC00A001-003	273	13	70		83	January 2011	
		TAC01H001-005	109	0	0		0	August 2012	
		TAC01K001-006	60	0	0		0	October 2012	
				714	847		1,661		
MF57	Mk 84 Mod 2	TAC90M001-005A	213	82				December 2003	
		TAC93L001-006A	107	85				November 2006	
		TAC95J001-007A	86	93				September 2008	S-3B
		TAC96H001-001A	286	211				August 2009	
		TAC00K001-008	96	0				October 2013	
		TAC01G001-009	96	0				July 2014	
							471		
MG67	Mk 113 Mod 0	UPC99D001-001	237		123			April 2007	
		UPC00G001-002	32		0		123	July 2008	
		TAC98M003-001	64		8			December 2006	
MG67	Mk 113 Mod 1	TAC00J004-003	30		0		8	July 2008	
							131		
MS15	CKU-7/A	IH-95E001-046	8		7			May 2005	F-5E/F/T-38A
		IH-96H001-048	5		3			August 2006	
		IH-99F001-049	21		21			June 2009	
		IHM00C001-051	46		22			March 2010	
		IHM00E001-052	22		5			May 2010	
							58		
MT28	Mk 121 Mod 0	UPC95H001-019	33	25				August 2002	
		ESD00A001-001	86	4				January 2007	
							29		
				F-14D	F-18	T-45			
MT29	Mk 122 Mod 0	UPC94C003-004	229	26	52	27	105	March 2003	F-14D/FA-18C,E,F, T-45A,C
		MBA95F003-010	200	9	94	15	118	June 2002	
		MBA96C003-013	49	6	19	12	39	March 2003	
		UPC97H003-005	192	24	97	61	182	August 2004	
		MBA98J004-014	300	24	134	81	239	September 2005	
		MBA99J004-016	206	4	68	16	88	September 2006	
		MBA01F004-017	257	2	10	11	23	June 2008	
		Totals		95	474	223	792		
MT30	Mk 123 Mod 0	MBA89F001-003	31	0	4	0	4	June 2004	
		MBA89F001-005	16	0	1	0	1	June 2004	
		MBA90H001-006	35	13	10	3	26	August 2004	
		MBA90H001-007	6	0	0	1	1	August 2004	
		MBA90K001-008	50	10	15	5	30	October 2004	
		UPC90L001H001B	17	1	1	2	4	November 2005	
		MBA91J001-009	14	2	6	1	9	September 2006	
		UPC91K001H002A	14	2	1	1	4	October 2006	
		MBA92C001-010	10	0	0	6	6	March 2007	
		UPC93E002H005	27	0	1	2	3	May 2008	
		MBA93F002-011	52	10	12	32	54	June 2008	

Table IV—Continued

[As of 30 June 2002]

DODIC	Model	Lot No.	Lot quantity	Quantity installed			Total installed	Expired date	Aircraft type
MT30	Mk 123 Mod 0	UPC94B003H006	80	F-14D	F-18	T-45		February 2009	F-14D/F-18C,D,E,F T-45A, C
		MBA95C003-012	236	5	13	21	39	March 2010	
		MBA96C003-013	71	3	7	13	23	March 2011	
		MBA97G003-014	33	0	7	7	14	July 2012	
		MBA98J003-017	33	1	18	11	3	September 2013	
		MBA99H003-019	53	0	7	8	15	August 2014	
		MBA01A003-020	47	0	20	4	24	January 2016	
		Totals		47	123	14	284		
MT31	Mk 124 Mod 0	MBA89F001-004	57	0	6	0	6	September 2004	F-14/F-18/T-45
		MBA89F001-005	7	0	0	0	0	September 2004	
		MBA90H001-006	68	13	22	3	38	August 2005	
		MBA90H001-007	36	0	19	0	19	August 2005	
		MBA90K001-008	91	14	26	4	44	October 2005	
		UPC90L001H001B	36	0	2	1	3	November 2005	
		MBA91J001-009	34	0	20	4	24	September 2005	
		UPC91K001H002A	29	1	5	2	8	October 2006	
		UPC91K001H003	6	0	1	0	1	October 2006	
		MBA92C001-010	27	0	10	6	16	March 2007	
		UPC93D002H004	62	0	8	3	11	April 2008	
		MBA93F002-011	104	11	67	20	98	June 2008	
		UPC94B003H005	142	1	37	26	64	March 2009	
		MBA95C003-012	165	6	88	7	101	March 2010	
		MBA96C003-013	71	0	12	8	20	March 2011	
		MBA97G003-014	70	2	42	16	60	July 2012	
		MBA98J003-017	66	0	24	14	38	September 2013	
		MBA99H003-019	84	0	36	1	37	August 2014	
		MBA01A003-020	76	0	0	0	0	January 2016	
		Totals		48	425	115	588		
XW36	Mk 205 Mod 1	TAC95G001-002	112		53			July 2003	AV-8B/NAV-8B/TAV-8B
		TAC95J001-003	69		37			September 2003	
		TAC96A001-004	36		35		125	January 2004	
XW36	Mk 205 Mod 2	TAC98M002-001	77		33			December 2006	
		TAC98M002-002	50		18			December 2006	
		TAC00B002-003A	60		3			February 2008	
		TAC01B002-004	126		0		54	February 2009	
							179		